metabo®
work. don't play.

ONE OF THE WORLD'S BEST ANGLE GRINDERS. SAFER THAN EVER. THE NEW METABO PROTECT.

SAFELY CONSIDERED ONE OF THE WORLD'S BEST ANGLE GRINDERS.

Metabo angle grinders have always been among the best. They are extremely powerful and comfortable to hold due to their ergonomic design. Equipped with Metabo Marathon motor, optimised cooling and robust die-cast aluminium gear housing for an extended lifetime. And now we push safety even farther – with our eight new Protect Angle Grinders. They have a non-lockable deadman safety switch on the bottom. It switches the tool off immediately if released.

And if you are hard at work, vibrations detrimental to health are no longer a matter for concern, due to the Metabo VibraTech (MVT) handle. If the wheel jams while working, the Metabo s-automatic safety clutch helps protect the user from kickback. Thus, every professional user can be sure of his work.
Metabo. Work. Don't play.

IN GOOD AND BAD TIMES.

LEARN MORE ABOUT OUR SERVICES AT WWW.METABO.DE/SERVICE.

MANY BUILD ON SAFETY. WE PREFER TO BUILD IT IN.

In many areas, the users' safety requirements are very high - e.g. at shipyards, refineries, pipelines, in mines or power plants. Our eight new angle grinders with their Protect safety switch are especially suitable for use there.

The deadman function switches the tool off when the user releases the switch. This greatly increases the user's safety if he ever loses control of the tool. To make sure that this does not happen if the wheel

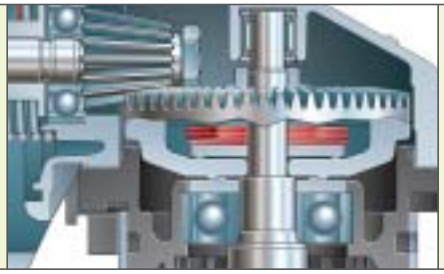
Metabo „Quick"-System
Easier and quicker changing of wheels without tools: After switching off the running machine and just before the wheel comes to a complete stop, the spindle lock is pressed pressed and the "Quick" adjusting nut can simply be loosened by hand.

Optimised air outlets
Air is guided toward the front and away from the user.

Aluminium Die-Cast Gear Housing
Makes the device more robust. The generated heat is also dissipated more quickly. This increases the service life of the machine.

Metabo VibraTech (MVT)-anti-vibration handle
Up to 60% less vibration: The Metabo VibraTech (MVT) handle ensures reliable damping, thus protecting the user's joints. The user can work more accurately and effectively.

Wheel guard can be adjusted without tools
Quite simply: The wheel guard can be adjusted or removed without tools in a matter of seconds.



Double Protection during Cutting
In cutting applications, there is a special danger of the wheel catching. For this, the Metabo S-automatic safety clutch and the Protect safety switch are combined for double protection of the user. The Protect safety switch has a deadman function: The angle grinder is switched off when the user releases the switch.

No more Catching
The Metabo S-automatic safety clutch helps protect the user from dangerous kickback that appear when the wheel catches or jams suddenly.

catches, we used the Metabo S-automatic safety clutch: it effectively protects the user from kickback. During work, the Metabo VibraTech (MVT-) handle and autobalancer will dramatically reduce vibrations.

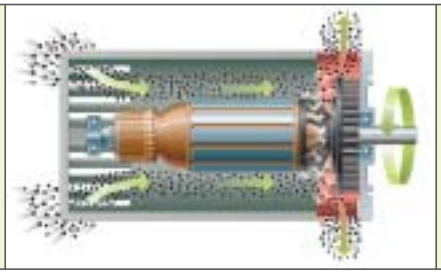
The twist-proof guard can be adjusted and taken off within seconds; the tool is even easier to handle. These and many other highlights make our angle grinders safer and better than ever.

More power than ever
Metabo Marathon motors are even more powerful, which translates into even more torque. Users can work more quickly with less effort while obtaining better results at the same time.

Best cooling
The innovative air guiding concept provides optimum cooling for the motor. As a result, more reserve power can be effectively utilised; performance and durability are also increased.

Ergonomic design
The ergonomic housing design provides a secure grip for every application due to its pronounced racket grip.

Protect Safety Switch
Cannot be locked. The deadman function switches the device off when the user releases the switch.



Diverse Uses
Grinding welded seams, rough grinding or cutting profiles, pipes and solid materials: the Protect angle grinders always perform their jobs expertly. During work, the Marathon motor protects the device from the abrasive dust that is a by-product when grinding.

Marathon motor with coil protection screen
The special coil protection of epoxy resin powder-coating on the field coil and the Metabo coil-protection screen, make the motor nearly impervious to abrasive dust. The large fan ensures ideal cooling for maximum efficiency and an increased torque.

THE RIGHT GRINDER FOR EVERYONE. ALSO WITH AUTOBALANCER.

We now provide our customers with the broadest range of angle grinders with a deadman switch. With different models in the 800, 1100 and 1400 Watt classes - and disc diameters of 115, 125 and 150 mm – we offer the perfect machine for each and every intended use. All models have the proven quick technology for exchanging discs without tools – and can also be provided with an autobalancer

GOOD ~~VIBRATIONS.~~

THE ANGLE GRINDER WITH THE LOWEST VIBRATIONS IN THE WORLD.

METABO STOPS VIBRATIONS SHORT

The Autobalancer technology protects the health of the user. For this, it counteracts any unbalances of the grinding disc – Vibrations are dramatically reduced. And the grinding disc lifetime increases by up to 50 %. Also, Metabo has the largest range of low-vibration angle grinders in the area of the compact class of up to 150 mm.

THE METABO SAFETY PACKAGE

- Protect Safety Switch: The angle grinder only runs while the switch is pressed. Especially suitable for safety-sensitive areas
- Metabo VibraTech (MVT) handle minimises vibrations that are detrimental to health
- Metabo S-automatic safety clutch: protects the user from dangerous kickback when the wheel catches
- Autobalancer technology
- Twist-proof wheel guard

Autobalancer instead of supporting flange
The autobalancer is pressed onto the angle grinder spindle and replaces its support flange.

Balls for Balance
The balls in the autobalancer flange counter unbalances of the grinding disc - this reduces vibrations dramatically.

Autobalancing

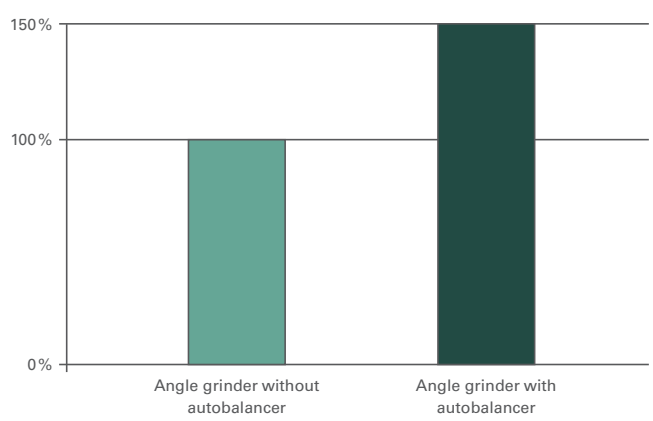
A Symbol for Health
Our quality seal for lowest vibrations. The autobalancer technology also increases the grinding disc service life.

on request. It is pressed onto the angle grinder spindle and replaces its support flange. The autobalancer technology counters unbalances in the grinding disc and thus clearly reduces vibrations.

This makes work as easy as choosing the right Metabo angle grinder.

EIGHT TIMES MORE SAFETY MADE BY METABO

Type	WP 8-115 QuickProtect/ WP 8-125 QuickProtect	WP 11-125 QuickProtect/ WP 11-150 QuickProtect	WEP 14-125 QuickProtect/ WEP 14-150 QuickProtect	WEPA 14-125 QuickProtect/ WEPA 14-150 QuickProtect
Grinding wheel diameter	115/125 mm	125/150 mm	125/150 mm	125/150 mm
Torque	2,2 Nm	2,2 Nm	3,3 Nm/3,5 Nm	3,3 Nm/3,5 Nm
Idle speed	10.000 min^{-1}	10.000 min^{-1}/ 9.000 min^{-1}	10.500 min^{-1}/ 9.000 min^{-1}	10.500 min^{-1}/ 9.000 min^{-1}
Rated input	800 W	1.100 W	1.400 W	1.400 W
Spindle thread	M 14	M 14	M 14	M 14
Weight (without mains lead)	1,8 kg	1,9 kg	1,9 kg	1,9 kg
Scope of delivery	Guard, MVT handle, “Quick” flange nut	Guard, MVT handle, “Quick” flange nut	Guard, MVT handle, “Quick” flange nut	Guard, MVT handle, “Quick” flange nut
Features:				
– Protect safety switch	•	•	•	•
– TC electronics with technical package: overload protection, soft start, accidental restart protection, constant speed	–	–	•	•
– Autobalancer	–	–	–	•
Order no.	**6.00267/6.00268**	**6.00279/6.00280**	**6.00289/6.00290**	**6.00304/6.00305**



The autobalancer is worth its salt!
The grinding disc service life is extended. The user can save up to 50% of the total costs.

Determined using the Type „WEA 14-125 Plus“ and „WE 14-125 Plus“ Metabo angle grinders. Including „Flexiamant super“ roughing discs.

CUTTING DISC GUARD, HALF-CLOSED

Grinding wheel diameter	Suitable for	Order no.
115	W 8-115, W 8-115 Quick, WP 8-115 Quick	**6.30366**
125	W 8-125 Quick, WP 8-125 Quick, W 9-125 Quick, WB 11-125 Quick, WE 14-125 Plus, WP 11-125 Quick, WEP 14-125 Quick, WEPA 14-125 Quick	**6.30367**
150	W 11 -150 Quick, WB 11-150 Quick, WP 11-150 Quick, WEP 14-150 Quick, WEPA 14-150 Quick, WE 14-150 Plus	**6.30368**

FLANGE NUT

Quick-M-14-FLANGE NUT	**316023660**

CASE

For all angle grinders up to Ø 125 mm	**6.25445**

ROUGHING DISCS

Quality class A 24 „Novoflex“ steel

- universal use in metal processing; hardness medium-hard

Diameter x thickness x bore hole mm	Type	Maximum speed rpm)	Packing unit	Order no.
115 x 6 x 22,23	⌐¬	13.300	25	**6.16460**
125 x 6 x 22,23	⌐¬	12.200	25	**6.16462**
150 x 6 x 22,23	⌐¬	10.200	25	**6.16464**

Quality class A 24-T „Fleximant Super“ steel

- Especially suitable for de-burring and grinding edges. Hard
- good cutting output with extremely good service life

Diameter x thickness x bore hole mm	Type	Maximum speed rpm)	Packing unit	Order no.
115 x 6 x 22,23	⌐¬	13.300	25	**6.16275**
125 x 6 x 22,23	⌐¬	12.200	25	**6.16486**
150 x 6 x 22,23	⌐¬	10.200	25	**6.16487**

CUTTING DISCS

Quality class A 36-T „Fleximant Super“ steel

- extremely high cutting output with good service life by using special corundums
- best results on using powerful angle grinders; Hardness: Hard

A 36 T	150 x 2 x 22,23	——	10.200	25	**6.16109**
A 36 T	150 x 2 x 22,23	⌐¬	10.200	25	**6.16119**

Quality class A 60-T / A 46-T „Fleximant Super“ steel

- Thin high output cutting disc especially for thin materials such as sheet metals, pipes, profiles, wires; Hardness: Hard
- very high cutting output with good service life

A 60-T	115 x 1 x 22,23	——	13.300	25	**6.16188**
A 46-T	115 x 1,6 x 22,23	——	13.300	25	**6.16191**
A 60-T	125 x 1 x 22,23	——	12.200	25	**6.16189**
A46-T	125 x 1,6 x 22,23	——	12.200	25	**6.16192**

Quality class A 60-R / A 46-R / A 30-R „Flexiarapid“ Inox

- Thin high output disc especially for stainless, thin materials such as sheet metals, pipes, profiles, wires Hard
- extremely high cutting output with good service life by using special corundums

A 60-R	115 x 1 x 22,23	——	13.300	25	**6.16186**
A 46-R	115 x 1,6 x 22,23	——	13.300	25	**6.16181**
A 60-R	125 x 1 x 22,23	——	12.200	25	**6.16187**
A 46-R	125 x 1,6 x 22,23	——	12.200	25	**6.16182**
A 30-R	150 x 2 x 22,23	——	10.200	25	**6.16183**

Quality class A 36-U / A 46-U / A 60-U „Flexiarapid Super“ Inox

- the latest generation of super-thin high-output discs especially for processing special steel
- maximum cutting output with very long service life by the use of high grade alumina abrasives

A 60-U	115 x 1 x 22,23	——	13.300	25	**6.16216**
A 60-U	115 x 1 x 22,23	⌐¬	13.300	25	**6.16217**
A 60-U	125 x 1 x 22,23	——	12.200	25	**6.16220**
A 60-U	125 x 1 x 22,23	⌐¬	12.200	25	**6.16221**
A 46-U	150 x 1,6 x 22,23	——	10.200	25	**6.16224**
A 46-U	150 x 1,6 x 22,23	⌐¬	10.200	25	**6.16225**

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